

**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Application No.: 10/581,327  
Filing Date: June 1, 2006  
Applicant: Hiroji Masuda, et al.  
Group Art Unit: 2613  
Examiner: Hibret A. Woldekidan  
Title: Inline Repeater and Optical Fiber Communication System  
Attorney Docket: 5259-000065/US/NP

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Mail Stop AF  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

**SUPPLEMENTAL AMENDMENT IN RESPONSE TO  
FINAL OFFICE ACTION AND ADVISORY ACTION AND  
PETITION FOR EXTENSION OF TIME**

Sir:

In response to the Office Action mailed January 12, 2010 and the Advisory Action mailed April 21, 2010, please amend the application as follows and consider the remarks set forth below.

Applicant hereby petitions under the provisions of 37 C.F.R. § 1.136(a) for an extension of time in which to respond to the outstanding Office Action and includes a fee as set forth in 37 C.F.R. § 1.17(a) with this response for such extension of time.

**Amendments to the Claims** begin on page 2 of this paper.

**Remarks** begin on page 7 of this paper.